

Converting Colors

Hex(516124)

Have a look what the booklet for
Hex(516124) contains.

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Color

Hex(516124)

Conversions

Conversions Part 1

Format	Color
Hex	516124
RGB	81, 97, 36
RGB Percent	32%, 38%, 14%
CMY	0.6824, 0.6196, 0.8588
CMYK	0.16, 0.00, 0.63, 0.62
HSL	76°, 46%, 26%
HSV	76°, 63%, 38%
XYZ	7.9865, 10.4261, 3.2606
YIQ	85.2620, 10.0450, -22.3630

Conversions

Conversions Part 2

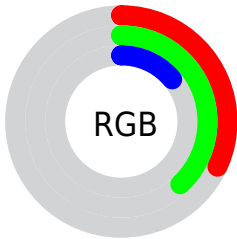
Format	Color
R_{YB}	36, 97, 52
Decimal	5333284
CIE Lab	38.60, -16.33, 32.02
CIE LCh	39, 35.948, 117.019
Yxy	10.4261, 0.3685, 0.4811
Android (android.graphics.Color)	4283523364 (0xFF516124)
YUV	85.2620, -24.2862, -3.7378
Hunter-Lab	32.2895, -12.3564, 16.6156

Details

The Hex color **516124** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **342461**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **849453**, and **233300** is the 20% darker color. If you saturate the color by 10%, you get **4E611A**, and if you desaturate by 10%, it is **54612E**.

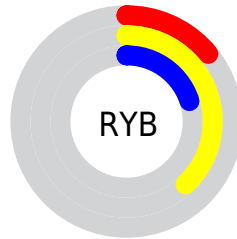
Distribution



Red (32%)

Green (38%)

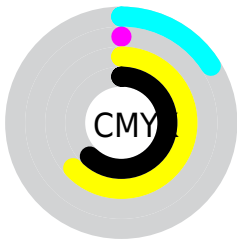
Blue (14%)



Red (14%)

Yellow (38%)

Blue (20%)

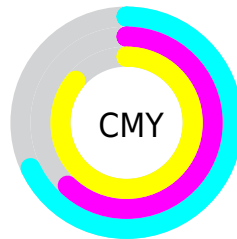


Cyan (16%)

Magenta (0%)

Yellow (63%)

Black (62%)



Cyan (68%)


Magenta (62%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516124 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 516124 by changing the saturation by 10% instead.

 516124

 516124

FFFFFF

 39490C

 849453

 233300

 9FAE6C

 061E00

 BACA86

 000000

 D6E6A1

 F3FFBC

 FFFFD8

 FFFFF4

 516124

 516124

■ 4E611A

■ 54612E

■ 4C6111

■ 566137

■ 496107

■ 596141

■ 486100

■ 5B614B

■ 5E6155

■ 60615E

■ 636168

■ 656172

■ 68617B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E581E



516124



2B673A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



516124



00668B



8E415F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



516124



342461

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7C497B



516124



0D5F95

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



516124



006974



57548F



904442

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



516124



00694D



57548F



8A4369

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



516124



777D65



613324



3C4031



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



516124



647D1F



336124



2F302C



537000



B1F000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



342461



381F7D



522461



2D2C30



1D0070



3F00F0

Previews

White Background



This preview shows how the Hex color 516124 looks on a white background.

Color Contrast Check

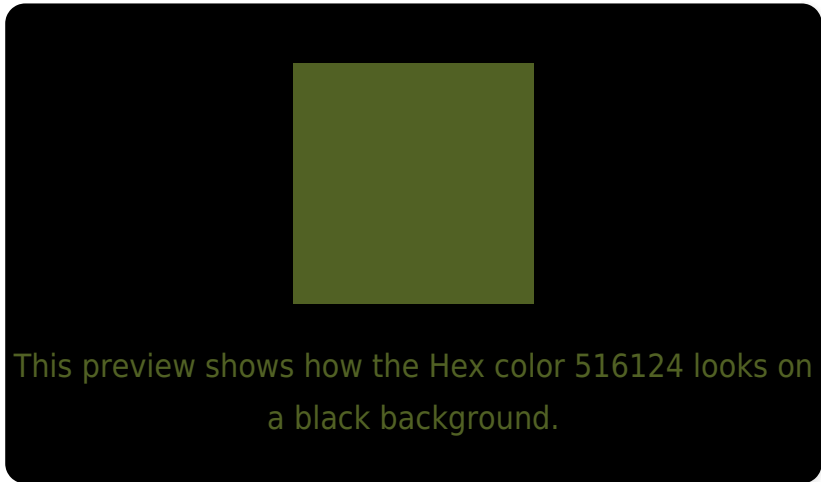
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

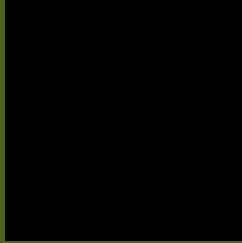
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 516124 Background



This preview shows how black text looks on a background with the Hex color 516124.



This preview shows how white text looks on a background with the Hex color 516124.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
516124

Protanopia
655B22

Deuteranopia
715627



Tritanopia
585B62

Trichromacy



Original Color
516124

Protanomaly
5E5D23

Deuteranomaly
655A26

Tritanomaly
555D4B

Monochromacy



Original Color
516124

Achromatopsia
555555

Achromatomaly
545943

CSS Examples

Text

The CSS property to change the color of the text to Hex 516124 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #516124 looks like.

```
.text, #text, p{  
    color:#516124  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #516124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516124
}
```

Border

The CSS property to change the border of an element to Hex 516124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#516124 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#516124 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #516124 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516124; -webkit-box-shadow:4px 4px  
4px 4px #516124; box-shadow:4px 4px 4px  
4px #516124 }
```

Background

The CSS property to change the background color of an element to Hex 516124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516124 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#516124 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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